

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/928,155	YAMAGUCHI ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Sy D. Luu	2174	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to the communication filed 3/26/07.
2.  The allowed claim(s) is/are 1-3,5-15,18 and 19.
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
 of the:
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_



SY D. LUU  
PRIMARY EXAMINER

***Statement of Reasons for Allowance***

1. Claims 1-3, 5-15, and 18-19 are allowed.
2. The following is an examiner's statement of reasons for allowance.

The present invention is directed to a content editing apparatus that edits digital broadcast content that is composed of a plurality of data carousels for realizing pseudo-interaction is provided.

Claims 1 and 11-14 recite, or similarly recite,  
a data carousel definition unit defining, based on the transmission start times and the transmission end time stored by the module information storage means, a carousel time period of each of the plurality of data carousels, and  
selecting modules to be repeatedly transmitted during the carousel time period, wherein the data carousel definition unit includes: a time sort unit sorting the transmission start times and the transmission end times into a time order; a carousel definition unit defining the carousel time period of each of the plurality of data carousels separated by the sorted transmission start times and the transmission end times; and a module selection unit for selecting modules to be repeatedly transmitted during the carousel time period.

Claim 15 recites the steps of: defining a plurality of data carousels having start and end times that correspond with consecutive times in the chronological ordering; identifying for each of the plurality of data carousels each of the modules from the plurality of modules having start and end times that define a time interval that includes the data carousels start and end time; displaying a name and the time interval corresponding with each of the plurality of data carousels; and inputting a transmission bit rate for each of the plurality of data carousels.

The closest prior art, Sequeira (US 6,222,530 B1) and Shore et al. ("Shore", US 5,760,767), show a similar apparatus for editing digital broadcast content that is composed of a plurality of data carousels for realizing pseudo-interaction. However, Sequeira and Shore et al., singularly or in combination still fail to anticipate or render the above cited limitations obvious.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

*Inquires*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sy Luu whose telephone number is **(571) 272-4064**. The examiner can normally be reached on Monday - Friday from 7:300 am to 4:00 pm (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid, can be reached on **(571) 272-4063**.

The fax number for the organization where this application or proceeding is assigned is **(571) 273-8300**.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is **(703) 305-3900**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

Art Unit: 2174

system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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**SY D. LUU  
PRIMARY EXAMINER  
ART UNIT 2174**